TECHNOLOGY GRAPHING PROJECT

Algebra Concepts

We will go to the computer lab to work on this project in school. If you are absent, you will need to see Mr. Winn to schedule a time when you can come to the lab.

1. Choose a favorite sports figure or sports team. There will be a list available of some people or teams you might consider.

2. Search the Internet to find statistics that you wish to graph related to your person or team. For example, if you choose Colt McCoy, you might graph his number of passing completions for a specific season of football. Try a team’s website or go to [www.nfl.com](http://www.nfl.com) for statistics. Information may be saved to your school P-drive.

3. Make a spreadsheet of your data using Excel. There should be at least 10 sets of data on your sheet. Example: A & M, 35 Print your spreadsheet in the computer lab. Be sure to include a title and column labels.

4. Display the same data in a histogram and in a line graph. You will need to use technology to make your graphs; do not draw them by hand. Be sure to include a title and axis labels. Print your graphs using the color printer in the computer lab.

5. Make a prediction about a future event for your person or team. Justify your prediction using the data collected. Include this prediction on a separate sheet of paper on your poster.

6. Write a paper containing at least 3 paragraphs about your person or team. You might include information about the player’s life, team history, implications of the statistics you found, or awards received. Your paragraphs should be typed and printed---not handwritten. You should use the writing procedures you have studied in Mrs. Banks’ English class.

7. Display your spreadsheet, histogram, line graph, prediction, and printed paragraphs on poster board. **Be sure to include the Internet addresses of the sites you used to get your statistics.**

8. Decorate your poster board to make your display attractive. Neatness is very important.

9. Show your poster in a brief classroom presentation.

We will go to the computer lab on Wednesday, October 19 and Friday, October 21 during your Algebra Concepts class period to work on this project. You will be assembling your poster out of school.

This project is due at the beginning of class, Monday, October 24, 2011. Late papers will not be accepted. You may also bring your poster to my room before school beginning at 7:30 am.

**This project will be graded as a test.**